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SOURCE Newspapers as indicated.

DEVELOP NEW METHODS FOR AGRICULTURE;  
DAIRY FARMING EXPANDS

AZERBAIDZHAN ACADEMY OF SCIENCES ACTIVE -- Irtavis, No 172, 21 Jun 49

Twenty expeditions of the Academy of Sciences Azerbaijan SSR are now working in the Republic. A special expedition is experimenting in the use of fertilizers made from petroleum waste products on cotton and other crops in steppe kolkhozes.

A group of zoologists is studying problems of preservation and development of sturgeon in the Kura River.

MEADOW-DEVELOPMENT STATION IN OMSK OBLAST -- Pravda, No 175, 24 Jun 49

The first meadow-development station has been organized in Tara, Omsk Oblast. It will serve Irtyskiy, Znamenskiy, Sedel'nikovskiy, and Koloosvskiy rayons. It will be equipped with powerful tractors, brush-cutting machines, and other equipment. Before the end of the year the station will drain more than 1,000 hectares of swamp-land.

Khabarovsk Plans Land Reclamation -- Tikhookeanskaya Zvezda, No 120, 24 May 49

A considerable part of the land in Khabarovsk Kray undergoes heavy saturation with a resultant loss of crops. The executive committee of the Khabarovsk Kray Soviet of Workers' Deputies has approved a plan for reclamation work to be carried out in the kolkhozes during 1949.

In 1949, more than 3,500 hectares will be drained, with the main reclamation work concentrated in the Jewish Autonomous Oblast, where 2,000 hectares will be drained. In Khabarovskiy Rayon, 550 hectares will be drained, in Vyazemskiy 500, and in Bikinskii Rayon and the Rayon imeni Poline Osipenko 300 each. Drainage ditches will be dug in more than 7,000 hectares of kolkhoz fields which are periodically flooded.

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The Soviet Union is also planning to bring 50 hectares of land by constructing canals. The USSR will carry out all reclamation work in the kolkhozes. The Khaterovsk Kray Agricultural Administration has been ordered to develop plans for reclamation work in kolkhozes during 1950 - 1955.

**NEW GRAFTING METHODS DEVELOPED -- Sovetskaya Sibir', No 95, 15 May 49**

F. Levchuk, a Novosibirsk Michurin horticulturist, has developed methods for grafting fruit trees throughout the summer. Until 1941, grafting had been done only for a short time in the spring, since in the summer the grafted skip withered and died. Levchuk's method is to lay a white gauze band over a coating of garden pitch and cover the skip with paper to prevent it from withering. Such measures have had good results. At least 95 percent, and sometimes 100 percent, of the slips start to grow. Levchuk continues grafting from 15 May to 20 July. Formerly, it took 8 or 10 years to produce a new type, whereas by summer grafting this time can be more than halved. A slip is removed from a 2-year seedling in the autumn and is kept in a cellar until the following summer. The slip is then grafted to the top of a mature tree, and after 2 or 3 years a yield of a new type of fruit is obtained. It is possible to prepare the slip in early spring as well as in the fall. In this way, Levchuk has developed 35 types of apples, pears, and cherries.

Levchuk, who works at the orchard at 121 Burlinskaya Street, Novosibirsk, will hold 4-hour evening consultations on Mondays to acquaint other horticulturists with his method of summer grafting.

**BELOUSSIA UPS DAIRY PRODUCT OUTPUT -- Sovetskaya Belorussiya, No 119, 17 Jun 49**

During the postwar period, 30 creameries have been restored and newly built in Mogilev Oblast. Another large mechanized creamery has just been built in Shklov. Production at the Creameries in Gorodetskiy, Kostyukovichskiy and Klimovichskiy rayons has been completely mechanized.

The prewar output of butter, cheese, and other dairy products was considerably exceeded during 1948. In the first 4 months of this year, the amount of cheese produce was 2 1/2 times more than in the same period of 1948. Production of powdered milk has just been started.

**NEW CATTLE BREED DEVELOPED IN KURGAN -- Leningradskaya Pravda, No 146, 23 Jun 49**

The sovkhoses and kolkhozes in Kurgan Oblast have developed a new breed of large cattle which has been given the name "Kurganskaya." This breed has a high milk productivity, is large in size, and is able to withstand the severe Transural winters. The milk from the "Kurganskaya" cattle has 4-percent fat content. The average milk yield from one cow on the Kurgan breeding sovkhos exceeds 3,000 liters per year, and some cows have yielded as much as 5,000 liters.

The oblast already has many thousand head of the new breed and the Ministry of Agriculture USSR is taking measures to distribute them. The best kolkhozes have organized breeding farms for this purpose. The Kurgan cattle will also be bred in Chelyabinsk and Tyumen' oblasts.

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VLADIVOSTOK CANDY FACTORY EXPANDS -- Krasnoye Znamya, No 125, 29 May 49

The Vladivostok Confectionery Factory has produced 700 more tons of goods since the beginning of this year than in the same period in 1948. A refrigerator is being installed in the factory and the candy shop is being expanded. In the second half of 1949, the factory will increase its production of soft candy.

TOBACCO FACTORY COMPLETES PLAN -- Zarya Vostoka, No 120, 21 Jun 49

Tbilisi Tobacco Factory No 2 has fulfilled the half-year plan for gross production and production of goods ahead of schedule. In 5 months and 14 days of 1949, output was 35 million cigarettes more than during 6 months of 1948. Profits during 5 months totaled one million rubles.

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